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* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS	3	JAN 16	CA/CAPLUS Company Name Thesaurus enhanced and reloaded
NEWS	4	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS	5	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS	6	JAN 22	CA/CAPLUS updated with revised CAS roles
NEWS	7	JAN 22	CA/CAPLUS enhanced with patent applications from India
NEWS	8	JAN 29	PHAR reloaded with new search and display fields
NEWS	9	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS	10	FEB 15	PATDPASPC enhanced with Drug Approval numbers
NEWS	11	FEB 15	RUSSIAPAT enhanced with pre-1994 records
NEWS	12	FEB 23	KOREAPAT enhanced with IPC 8 features and functionality
NEWS	13	FEB 26	MEDLINE reloaded with enhancements
NEWS	14	FEB 26	EMBASE enhanced with Clinical Trial Number field
NEWS	15	FEB 26	TOXCENTER enhanced with reloaded MEDLINE
NEWS	16	FEB 26	IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS	17	FEB 26	CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
NEWS	18	MAR 15	WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS	19	MAR 16	CASREACT coverage extended
NEWS	20	MAR 20	MARPAT now updated daily
NEWS	21	MAR 22	LWPI reloaded
NEWS	22	MAR 30	RDISCLOSURE reloaded with enhancements
NEWS	23	APR 02	JICST-EPLUS removed from database clusters and STN
NEWS	24	APR 30	GENBANK reloaded and enhanced with Genome Project ID field
NEWS	25	APR 30	CHEMCATS enhanced with 1.2 million new records
NEWS	26	APR 30	CA/CAPLUS enhanced with 1870-1889 U.S. patent records
NEWS	27	APR 30	INPADOC replaced by INPADOCDB on STN
NEWS	28	MAY 01	New CAS web site launched
NEWS	29	MAY 08	CA/CAPLUS Indian patent publication number format defined
NEWS EXPRESS			NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:53:29 ON 08 MAY 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:53:43 ON 08 MAY 2007

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 MAY 2007 HIGHEST RN 934385-16-7

DICTIONARY FILE UPDATES: 7 MAY 2007 HIGHEST RN 934385-16-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.45

0.66

FILE 'CAPLUS' ENTERED AT 13:53:51 ON 08 MAY 2007

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FILE COVERS 1907 - 8 May 2007 VOL 146 ISS 20

FILE LAST UPDATED: 7 May 2007 (20070507/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> blowdown valve

2313 BLOWDOWN

100 BLOWDOWNS
2355 BLOWDOWN
(BLOWDOWN OR BLOWDOWNS)
78391 VALVE
38575 VALVES
97140 VALVE
(VALVE OR VALVES)
L1 18 BLOWDOWN VALVE
(BLOWDOWN (W) VALVE)

=> d l1 1-18 ti

L1 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Steamy heating equipment [machine translation]

L1 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI A new easy, accurate, reliable test method for boiler treatment improves treatment efficiency and boiler reliability

L1 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Negative pressure backflushing apparatus and backflushing method for desalination of sea water

L1 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Miniature water purifier and water purifying process

L1 ANSWER 5 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Air conditioner based on the heat exchange of indoor air with underground thermostatic layer

L1 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Method and device for purifying and conditioning flue gas by indirect evaporation of liquid with waste heat of flue gas

L1 ANSWER 7 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Water-ammoniation fuzzy regulatory method for large generator and its monitoring system

L1 ANSWER 8 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Water micro-circulating sustained-release regulatory method for large generator and its monitoring system

L1 ANSWER 9 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Application of an automatic boiler blowdown system for industrial boilers

L1 ANSWER 10 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Analysis of emission formation processes in a D.I. diesel engine by total in-cylinder sampling (2nd report, effects of intake swirl ratio and fuel injection timing)

L1 ANSWER 11 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Analysis of emission formation processes in a D.I. diesel engine by total in-cylinder sampling (1st report, effects of L/D of nozzle hole and piston cavity diameter)

L1 ANSWER 12 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI PBF-CANDU fuel element LOCA test experiment predictions

L1 ANSWER 13 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI A high pressure blowdown valve with replaceable seat

L1 ANSWER 14 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI LOFT L2-3 blowdown experiment safety analyses D, E and G; LOCA analyses H, K, K1

L1 ANSWER 15 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI On-line techniques for process monitoring. Automatic control of waterside chemical conditions in power station biolers using conductivity measurements

L1 ANSWER 16 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Control of the concentration of dissolved solids in aqueous evaporator systems

L1 ANSWER 17 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Desalination of brackish waters

L1 ANSWER 18 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Valve for automatic discharge of condensate

=> blowdown

2313 BLOWDOWN
100 BLOWDOWNS
L2 2355 BLOWDOWN
(BLOWDOWN OR BLOWDOWNS)

=> ?methacrylate

L3 240182 ?METHACRYLATE

=> 12(1)13

L4 3 L2(L)L3

=> d 14 1-3 ti

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
TI Polymer dispersants and methods of use in a nuclear steam generator

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
TI Continuous belt ion exchanger: chromate removal from cooling tower blowdown waters

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
TI Combustion of an ablative fuel in a constant-area channel

=> ball valve

69279 BALL
18318 BALLS
78251 BALL
(BALL OR BALLS)
78391 VALVE
38575 VALVES
97140 VALVE
(VALVE OR VALVES)
L5 608 BALL VALVE
(BALL(W) VALVE)

=> reacion vessel

83 REACION
27 REACTIONS
110 REACION
(REACTION OR REACTIONS)
235500 VESSEL
91741 VESSELS
288954 VESSEL
(VESSEL OR VESSELS)
L6 0 REACION VESSEL
(REACTION(W) VESSEL)

=> 15(1)16

L7 0 L5(L)L6

=> reaction vessel

3036597 REACTION

2186175 REACTIONS

4067768 REACTION

(REACTION OR REACTIONS)

235500 VESSEL

91741 VESSELS

288954 VESSEL

(VESSEL OR VESSELS)

L8 11948 REACTION VESSEL

(REACTION(W) VESSEL)

=> 15(1)18

L9 2 L5(L)L8

=> d 19 1-2 ti

L9 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

TI Microreactor for analyzing thin solid samples

L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

TI Automatic metering of slurries

=> d 19 2ti fbib abs

'2TI' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS ----- GI and AB

ALL ----- BIB, AB, IND, RE

APPS ----- AI, PRAI

BIB ----- AN, plus Bibliographic Data and PI table (default)

CAN ----- List of CA abstract numbers without answer numbers

CBIB ----- AN, plus Compressed Bibliographic Data

CLASS ----- IPC, NCL, ECLA, FTERM

DALL ----- ALL, delimited (end of each field identified)

DMAX ----- MAX, delimited for post-processing

FAM ----- AN, PI and PRAI in table, plus Patent Family data

FBIB ----- AN, BIB, plus Patent FAM

IND ----- Indexing data

IPC ----- International Patent Classifications

MAX ----- ALL, plus Patent FAM, RE

PATS ----- PI, SO

SAM ----- CC, SX, TI, ST, IT

SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
SCAN must be entered on the same line as the DISPLAY,
e.g., D SCAN or DISPLAY SCAN)

STD ----- BIB, CLASS

IABS ----- ABS, indented with text labels

IALL ----- ALL, indented with text labels

IBIB ----- BIB, indented with text labels

IMAX ----- MAX, indented with text labels

ISTD ----- STD, indented with text labels

OBIB ----- AN, plus Bibliographic Data (original)

OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations

SIBIB ----- IBIB, no citations

HIT ----- Fields containing hit terms
HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
 containing hit terms
HITRN ----- HIT RN and its text modification
HITSTR ----- HIT RN, its text modification, its CA index name, and
 its structure diagram
HITSEQ ----- HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
 its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
KWIC ----- Hit term plus 20 words on either side
OCC ----- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST; TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.
ENTER DISPLAY FORMAT (BIB):end

=> d l9 2 ti fbib abs

L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
TI Automatic metering of slurries
AN 1975:45671 CAPLUS
DN 82:45671
TI Automatic metering of slurries
AU De Klein, Willem J.; Van Amerongen, Henk
CS Akzo Corp. Res., Arnhem, Neth.
SO Chemistry & Industry (London, United Kingdom) (1974), (11), 460
CODEN: CHINAG; ISSN: 0009-3068
DT Journal
LA English
AB Slurries, maintained in suspension by a magnetic stirrer, are metered into a reaction vessel through a ground glass ball valve, lifted periodically by a pulsed solenoid. The whole apparatus can be flushed with inert gas, and further addns. to the slurry can be made during addition

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	36.86	37.52
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.78	-0.78

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 14:01:44 ON 08 MAY 2007